

Shorelines

A Publication of the Lake Michigan Coastal Program

Message from Mike

LMCP staff was busy during the summer months with many important meetings and projects focused on planning for the future of coastal management in Northwest Indiana. The LMCP hosted an envisioning workshop as part of NOAA and CSO's Envisioning Project on June 29 at Indiana University in Gary, Indiana. This meeting provided stakeholder input to inform future federal and state actions and legislation.

At *Coastal Zone 07* in Portland, Oregon July 23-27, I and other state Coastal Program Managers discussed the progress of the Envisioning Project throughout the nation as we are on the cusp of many large scale changes in the Coastal Zone Management Program. I will continue providing input to the Project at the Coastal States Organization meeting sponsored by the State of Massachusetts Coastal Zone Program October 15-18.

At the LMCP Annual State Partners Meeting on July 20 in Indianapolis, we met with state and regional partners to further our strategic goal of unified state coastal resource planning and management. We plan to discuss Great Lakes wide regional initiatives with our sister programs at the Great Lakes Regional meeting in Erie, Pennsylvania October 1-4.

These efforts are in addition to the many exciting projects underway – Coastal Grants Pre-proposal request, Coast Week, NOAA 200th Celebration, Coastal Community Development Workshop, and Clean Marina Program development. The LMCP will continue to deliver on these services as we gear up for future opportunities. We welcome your input and assistance as we strive for further excellence.

Mike Molnar



Coastal Zone 07 Portland, Oregon

LMCP's Coastal Advisory Board

At the July meeting of the LMCP **Coastal Advisory Board (CAB)**, the public was invited to provide comments to the CAB who sets the priorities for the next funding cycle of the Coastal Grants Program. Representatives from local communities, state program partners, non-profits, and other stakeholders participated in the discussion. Issues presented at the meeting included the need for more public outreach and education activities to promote informed decision-making, the need for a State land acquisition plan, and continued efforts towards land restoration in Indiana's coastal zone.

The next special CAB meeting will be on September 19 at the Marquette Park Pavilion, Gary, Indiana to discuss 2008 coastal grant pre-proposals. The regular CAB meeting is scheduled for October 17.

The LMCP is updating the LMCP web site (www.dnr.in.gov/lakemich/board/index.html) to include CAB member profiles. An example of the information shared by CAB officers is inside this issue of Shorelines, page 3. We hope to collect information and pictures from each CAB member!

Shorelines is issued quarterly by the Lake Michigan Coastal Program.

To suggest an idea for an article, contact Susan Melnyk at (219) 926-9757 or smelnyk@dnr.in.gov.

This newsletter is part of our effort to increase communication with our partners and provide information and resources to our stakeholders. Please visit our website at www.IN.gov/dnr/lakemich.

NonPoint Source Pollution Management: Hydromodification

When development projects that modify the natural flow of water through a landscape are carried out without paying attention to protecting our soil and water resources, a variety of problems can result. Hydromodification is considered the second leading source nationwide of water quality impairment related to human activities for rivers, streams, lakes, ponds, and reservoirs by the USEPA. It has also been identified through watershed management planning within the Little Calumet-Galien watershed as a contributing factor to water quality, habitat, and biotic community degradation.



The main nonpoint source pollution problem from hydromodification projects is sediment and turbidity. Others include excessive nutrients (mainly nitrogen and phosphorus), chemicals, oils and lubricants, and organic debris. Other negative impacts relate to the general disruption of natural drainage, including increased irregularity of stream flows, and elevated water temperatures.

Indiana's nonpoint source pollution or 6217 program works to reduce pollution from "nonpoint" or widely diffuse sources that may impact coastal waters. It includes "best management practices" (BMPs), or actions that can be taken to address specific problem issues, as well as a plan to help bring about implementation of these practices.

The LMCP is currently drafting a Section 319 grant proposal to help develop a comprehensive program for addressing impacts of hydromodification within the Little Calumet-Galien watershed. The proposal entails a three pronged approach. 1) a demonstration project to help guide stakeholders in future stream restoration and management decisions; 2) develop a guidance document to fit local needs and based upon input from local stakeholders, and state and federal agencies; and 3) an education and outreach program would be developed to disseminate this information to stakeholders.

If you have any questions or would like to assist in this initiative please contact Joe Exl at 219-921-0863 or jexl@dnr.in.gov.



How the CZMA Shapes Coastal Management

The Coastal Zone Management Act (CZMA) was passed in 1972 to manage uses and resources of the nation's coastal zone. A major premise of the CZMA is that such management is best achieved at the state and local level. Another important premise of the CZMA is the balance between resource protection and the economic growth of their coastal communities. As a voluntary program, the CZMA entices coastal and Great Lakes states and U.S. territories to participate by offering financial assistance, technical assistance, and a powerful tool called federal consistency. To access these incentives states must develop comprehensive coastal management programs that meet federally approved standards, provide matching funds, and be approved by the National Oceanic and Atmospheric Administration (NOAA). There are currently 34 approved coastal management programs. The last remaining state to join—Illinois—is in the process of developing its program. The CZMA was reauthorized with important amendments in 1990 and 1996. It is currently due for reauthorization. As currently written, the CZMA includes the following selected provisions:

Section 306 — Administrative grants

Section 306A — Coastal resource improvement program

Section 6217— Protecting coastal waters

Section 309 — Coastal Zone Enhancement Grants

Section 312— Review of performance

For more complete discussion of these and the rest of the provisions of the CZMA, see http://coastalmanagement.noaa.gov/czm/czm_act.html

CAB Profiles

For the LMCP website we are creating CAB member profiles to better serve our stakeholders. For this LMCP outreach feature we asked for and received input (and some great pictures!) from CAB members on several questions including: occupational background and other information suitable for sharing. We have new CAB officers who have already responded to our request for information for this project. We hope to have a complete list of CAB members responses soon! Visit the LMCP website to check on our progress in receiving this information.

Dorreen Carey – Chair

Dorreen Carey is Director of the City of Gary Department of Environmental Affairs (GDEA). Ms. Carey has worked for the City of Gary for the past 7 years. Prior to her position with the City of Gary, Ms. Carey served for eight years as Executive Director for the Grand Calumet Task Force, a local community-based urban environmental organization in Northwest Indiana. In that capacity, she served on several national and local environmental advisory boards including the Steel Sector Workgroup of the Common Sense Initiative appointed by former EPA Administrator Carol Browner. She presently serves on the Executive Board of the NW Indiana Quality of Life Council, represents Lake Co. cities, and represents the City of Gary on a number of advisory committees including the IDEM CARE Committee for the Grand Calumet River Remedial Action Plan, the U.S. Steel CITE Committee, and the Environmental Policy Committee of the Northwest Indiana Regional Planning Commission. Dorreen served the past two year as the Vice-Chair of the Coastal Advisory Board and has been on the Board for four years.

Dave Pilz – Vice-Chair

David Pilz is in his 15th year as Engineering Director for Valparaiso. In that capacity he is a member of the Planning Commission and Board of Public Works and Safety. He also provides staffing to the City's Redevelopment Commission and Utility Department and participates on the Traffic and Safety and Pathways Committees.

Paul Labus - Secretary

Paul Labus has worked for The Indiana Chapter of The Nature Conservancy since 1994 and currently serves as Northwest Indiana Region Director. The Conservancy works with a variety of partners to protect, restore and manage natural areas throughout the Lake Michigan coastal zone. Paul has been a member of the Lake Michigan Coastal Program Citizens Advisory Board since its inception. He also serves on the Citizens Advisory Board for the Grand Calumet River and Indiana Harbor Ship Canal Remedial Action Plan.

The federal BEACH Act of 2000

EPA amended the Federal Water Pollution Control Act in order to further improve water quality and protect public health at coastal recreational waters. As a result, the Beaches Environmental Assessment and Coastal Health Act (BEACH Act) was signed into law on October 10, 2000. The BEACH Act is an amendment to the Clean Water Act requiring all coastal states, including Great Lakes states, to develop programs for effective water quality monitoring and public notification at coastal recreational beaches. The US Environmental Protection Agency (US EPA) has made grants available to participating states to develop and implement a statewide beach program.

The BEACH Act was designed to help states monitor their public beaches for disease-causing microorganisms and to notify the public when a potential health risk is present. Coastal and Great Lakes states may apply for funding to monitor recreational waters through this program. Each state must establish monitoring and notification programs that are consistent with the performance criteria in EPA's National Beach Guidance and Required Performance Criteria for Grants.

Northwest Indiana's public beaches and recreational waters were classified using the guidance document referenced above. The Indiana Beach Program is currently using the grant money to monitor these waters, to educate the public about potential health risks at these waters, and to notify the public when a disease-causing microorganism is present and may pose a health risk. For more information, see <http://www.epa.gov/waterscience/beaches/grants/index.html>

Indiana's Lake Michigan Coastal Program

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The purpose of the Indiana Lake Michigan Coastal Program is to enhance the State's role in planning for and managing natural and cultural resources in the coastal region and to support partnerships between federal, state and local agencies and organizations. The Indiana Lake Michigan Coastal Program relies upon existing laws and programs as the basis



Grants Program Update

Project Highlights

Marquette Plan Phase II: The Lakeshore Reinvestment Strategy conducted by the Northwestern Indiana Regional Planning Commission is well underway, public meetings have been held and a draft vision and map will be introduced for more comment.

The City of Portage received coastal funds to remove invasive plants and develop a trail system at its newly dedicated Deer Trail Park along the Little Calumet River.

Purdue University Calumet kicked off its public seminar series, "Go with the Flow – Get to Know our Coastal Resources" during Coast Week 2007. The series continues throughout the rest of the year, on the second Wednesday of each month.

2008 Funding Cycle

The Coastal Grants program closed its request for pre-proposals for the 2008 funding cycle on September 10th. Those applications that received favorable approval at the September 19th Coastal Advisory Board meeting will be asked to submit full applications. Projects will then be scored and ranked, approved by DNR's Director Carter and forwarded on to NOAA for final approval. The 2008 award recipients will be able to begin work on their projects in August of 2008.

NOAA Coastal Management News

Coastal Zone '07 was held the week of July 23rd in Portland, Oregon. It was a great week spent recapping the progress made over the past year in engaging the broad coastal management community in a critical review of what is needed to secure our coastal future. This event is held every two years for professionals who care about and work hard for our coasts and oceans and highlights that the management of America's coastal resources really happens at the local level. Attracting nearly 1,000 participants, this Biennial conference is the largest international and interdisciplinary gathering of ocean and coastal management professionals in the world. The event brought a wealth of NOAA experience to bear on issues facing coastal managers around the globe.

NOAA is pleased to announce the publication of the first corporate 5-Year Research Plan and 20-Year Research Vision for the agency. The 5-Year Research Plan supports the four mission goal areas identified in the NOAA Strategic Plan - Ecosystems, Climate, Weather and Water, and Commerce and Transportation - while underscoring the importance of research that cuts across traditional disciplinary boundaries. The 5-Year Research Plan includes milestones for NOAA's research that are aimed at improving products and information services in the near term, while the 20-Year Research Vision adopts a longer-term perspective of the environmental and ecological challenges our nation faces and the technological and scientific advances we can expect to help meet those challenges. The 5-Year Research Plan and 20-Year Research Vision are posted at <http://www.nrc.noaa.gov/plans.html>.



Please visit NOAA's Web site at:
www.coastalmanagement.noaa.gov/czm/czma_vision.html



LMPC Calendar of Events

September 6-8	Alliance for the Great Lakes/HOW Conference
September 8-16	Coast Week 2007
September 8	NOAA 200th Event, Chicago
September 8	Gary Clean Water Celebration
September 8	Association for Wolf Lake Initiative Events
September 9	Save the Dunes Hike/Brunch
September 10	Portage Little Calumet Public Access Dedication
September 10	Coastal Grant Pre-Proposal Deadline
September 10-11 and 12-13	Coastal Community Planning and Development Workshop
September 12	Purdue University Calumet—Public Seminar Series
September 12	Prairie 22 Seed Collection
September 13	Resource Management at Indiana Dunes State Park
September 13	The Care and Feeding of Indiana Dunes State Park
September 14	Pine Station Nature Preserve Hike
September 14	Environmental Services Quality Council Mtg.—Michigan City
September 14, 15	Denis Sullivan Tallship in Michigan City, Indiana
September 15	Adopt-a-Beach Clean up Event
September 16	Trail Creek Canoe Celebration
September 19	Coastal Advisory Board Meeting, Lake County - Marquette Park
October 3-5	State of Lake Michigan Conference
October 11-12	Indiana Planning Association 2007 Fall Conference
October 17	Coastal Advisory Board Meeting, Porter County

For more information on these and any other upcoming LMCP events, please contact Susan Melnyk at smelnyk@dnr.IN.gov